Element Materials Technology
662 Cromwell Avenue
St Paul, MN
55114-1720 USA

P 651 645 3601
F 651 659 7348
T 888 786 7555
info.stpaul@element.com
element.com

CLAMPING STRENGTH OF KK2 KWIK KLAMP (2-1/2" TO 4" PIPE)

J&K Tool Company, Inc.		Date:	December 5, 2017
Attn: Ms. Trista Whaley		Author:	Jay Anderson
6385 County Rd 7		Report Number:	ESP026328P.1R0
Wheaton, MN 56296		Client Purchase Order Number:	T080817

Manufacturer:	J&K Tool Company, Inc.
Product Description:	KK2 Kwik Klamp (2-1/2" to 4" pipe)
Number of Tests:	1
Type of Pipe Clamped:	4" Steel Pipe
Test Speed:	0.05 in/min
Sustained Load:	9,955 lbf
Test Equipment:	MTS Universal Test Machine, Mdl Qtest / 50LP, System #1532, ID MM210-009 MTS Load Cell, 11200lbf Capacity, S/N 105191, ID MM210-009.2
Comments:	Pipe must be properly clamped to obtain reported load

Submitted by,

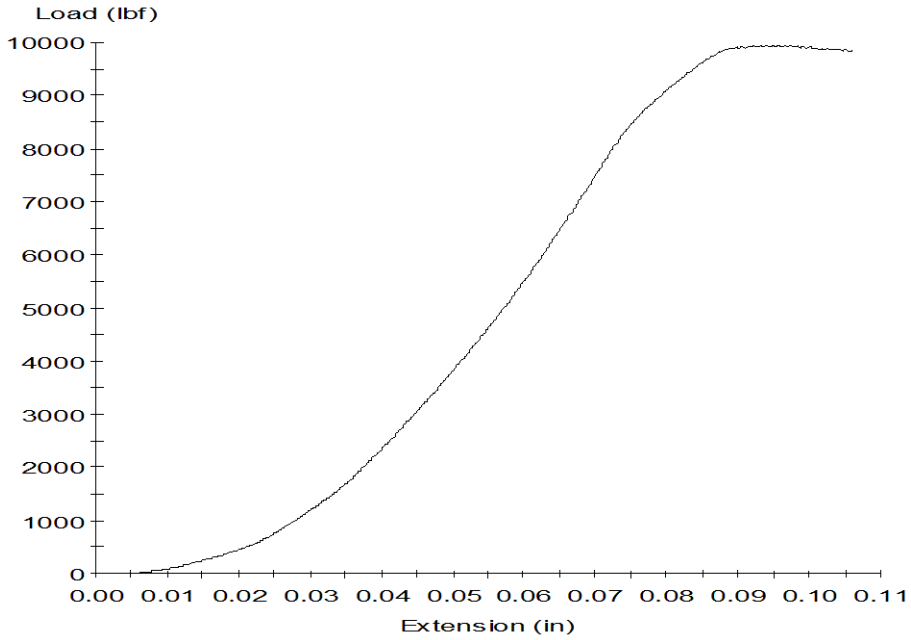
Project Manager
Product Qualification Testing

Reviewed by,

Advanced Materials Technician
Product Qualification Testing

TEST RESULTS

Specimen Number: 3



[3]

Specimen Results:

Name	Value	Units
Specimen Comment	4" Steel Pipe	
Peak Load	9955	lbf